

REMARKS/ARGUMENTS

Applicants thank the Examiner for the careful examination given to the present application. The application has been reviewed in light of the Office action, and it is respectfully submitted that the application as amended, is patentable over the art of record. Reconsideration of the application as amended is respectfully requested.

Claims 1,3, 7, 9, 25 and 27 have been amended. Claims 2, 8, 12-16, and 26 have been canceled.

Claims 1-11 and 25-35 were rejected under 35 U.S.C. 103(a) as being unpatentable over Applicants' Admitted Prior Art in view of a book entitled "Die Castings Their Design, Composition, Application, Specification, Testing and Finishing" by Herbert Chase. Claim 1 has been amended with the subject matter of claim 2; claim 7 has been amended with the subject matter of claim 8; and claim 25 has been amended with the subject matter of claim 26. Claims 3, 9, and 27 have been rewritten in independent form. Claims 2, 8, and 26 have been canceled. For the following reasons, the Examiner's rejection is respectfully traversed.

Chase does not disclose or suggest that "said as-cast spark-plug aperture is closed at one end by a thin web" and "removing said thin web that closes one end of said as-cast spark-plug aperture" as recited in claims 1, 7, and 25.

Chase discloses on page 227, "Die castings usually have a surface so smooth as to require no grinding or polishing other than that required for fin removal and are usually prepared for plating by a single buffing operations." However, Chase does not disclose or suggest that the as-cast spark-plug aperture is closed at one end by a thin web or that this thin web is removed prior to the tapping of the spark plug aperture as in the claimed invention. Therefore, even if combined, Chase and Applicants' admitted prior art do not disclose or suggest all the elements of the claimed invention.

With regards to claims 3, 9, and 27, Chase does not disclose or suggest that "said exhaust port

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aperture and said intake aperture are closed by thin webs forming portions of said as-cast cylinder chamber" or "removing said thin webs when said cylinder wall is machined" as recited in claims 3, 9, and 27.

As mention previously, Chase discloses on page 227, "Die castings usually have a surface so smooth as to require no grinding or polishing other than that required for fin removal and are usually prepared for plating by a single buffing operations." However, Chase does not disclose or suggest that the exhaust and intake apertures are closed by thin webs forming portions of the as-cast cylinder chamber or that these thin webs are removed when the cylinder wall is machined as in the claimed invention. Thus, even if combined, Chase and Applicants' admitted prior art do not disclose or suggest all the elements of the claimed invention.

In light of the foregoing, it is submitted that the application as amended is in a condition for allowance and notice to that effect is hereby requested. If it is determined that the application is not in a condition for allowance, the Examiner is invited to initiate a telephone interview with the undersigned attorney to expedite prosecution of the application.

If there are any additional fees resulting from this communication, please charge the same to our Deposit Account No. 16-0820, our Order No. 33053.

Respectfully submitted,

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